**Simple Diff-in-Diff**

# of downtown jobs =

MSP (if they ever got it) +

POST +

MSP\*POST

* Comparison observations have to be assigned a “treatment year” and then create series of dummies (both rel-yr & post)
* In Stata, use “xtset” to configure time (cal. yr) and id variable (FIPS code)
  + Use i.year##i.cz to create a fixed effect variable (might blow up…if still computes, then it won’t give coefficients for year and cz on their own)
  + Use i.year#i.cz to create a fixed effect variable
* When running “xtreg” use “, fe” (ONLY does fixed effects for the id var)
* use “i.year” to manually create year as a series of dummies

**Event Study Diff-in-Diff**

# of downtown jobs =

MSP (if they ever got it) +

REL\_YR +

MSP\*REL\_YR

Y = MSP + RY-3 + RY-1 + RY0 + … RY5 +

MSP\*RY-3 + MSP\*RY-1 + MSP\*RY0 + … MSP\*RY5

**Treatment & Comparison Matching Strategies:**

1. Nearest neighbor
2. Stacking – raw
3. Stacking – weighted
4. ~~Compare treated w/ yet-to-be treated~~

**Weighting**

1. Consider

Cluster standard errors to account for the fact that observations are not independent.